

Chapter 3. UNDERGROUND STORAGE TANK
A. UST Operating Permit Application-Facility Information

| ID | ELEMENT | EDIT CRITERIA / CODES | LENGTH | TYPE | INFORMATION DESCRIPTION |
|-----|--|--|--------|------|---|
| 1 | Facility ID Number | 2 AN county 3 AN jurisdiction 6 AN facility number | 11 | AN | Number to allow cross linking of data. County and jurisdiction number from tax code list. This number is assigned by the CUPA. This is the unique number which identifies the facility. |
| 3 | Business Name | | 70 | AN | Full legal name of business. |
| 103 | Business Site Address | Postal standard: 2 lines, 35 characters | 70 | AN | Street address where facility is located. No post office box numbers are allowed. This information must provide a means to geographically locate the facility. |
| 104 | City (Business) | Postal standard | 20 | AN | City or unincorporated area in which business site is located. |
| 400 | Type of Action | 1 = new permit 3 = renewal permit 5 = change of information 6 = temporary facility closure 7 = permanent facility closure 9 = Transfer Permit | 1 | AN | Reason page is being submitted. |
| 403 | Facility-Type (UST Facility) | 1 = motor vehicle fueling 2 = fuel distribution 3 = farm 4 = processor 6 = other | 1 | AN | Type of UST facility. |
| 404 | Total Number of USTs at Facility | | 4 | N | Number of USTs remaining on the site after requested action. |
| 405 | Indian or Trust Land | Y or N | 1 | AN | Indicates if facility is located on Indian reservation or other trust lands. |
| 406 | Supervisor of Division, Section, or Office (Required for Public Agencies Only) | | 35 | AN | Contact person for tank records, if facility owner is a public agency. |
| 407 | Property Owner Name | | 35 | AN | Name of property owner. |
| 408 | Property Owner Phone | Area code + 7 digit phone number + extension | 15 | AN | Phone number of property owner. |
| 409 | Property Owner Mailing Address | Postal standard: 2 lines, 35 characters | 70 | AN | Mailing address of property owner. |
| 410 | Property Owner City | Postal standard | 20 | AN | City of property owner. |
| 411 | Property Owner State | Valid 2-digit state code | 2 | AN | State of property owner. |
| 412 | Property Owner Zip Code | Postal standard | 9 | AN | Zip code of property owner. |
| 414 | Tank Owner Name | | 35 | AN | Name of tank owner. |
| 415 | Tank Owner Phone | Area code + 7 digit phone number + extension | 15 | AN | Phone number of tank owner, if different from business owner on UPCF Business Owner/Operator Identification page. |
| 416 | Tank Owner Mailing Address | Postal standard: 2 lines, 35 characters | 70 | AN | Mailing address of tank owner, if different from business owner on UPCF Business Owner/Operator Identification page. |

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|-------|--|--|--------|------|--|
| 417 | Tank Owner City | Postal standard | 20 | AN | City of tank owner, if different from business owner on UPCF Business Owner/Operator Identification page. |
| 418 | Tank Owner State | Valid 2-digit state code | 2 | AN | State of tank owner, if different from business owner on UPCF Business Owner/Operator Identification page. |
| 419 | Tank Owner Zip Code | Postal standard | 9 | AN | Zip code of tank owner if different from business owner on UPCF Business Owner/Operator Identification page. |
| 420 | Tank Owner Type | 4 = local agency / district 5 = county agency 6 = state agency 7 = federal agency 8 = non-government | 1 | AN | Type of UST owner.. |
| 421 | BOE Number | BOE 8 digit number, first two digits = 44 | 8 | AN | Board of Equalization (BOE) UST storage fee account number. This number is required before a permit application can be processed. Registration with the BOE will ensure that you will receive a quarterly storage fee return in reporting the \$0.014 per gallon fee due on the number of gallons placed in your USTs. The BOE will code persons exempt from paying the storage fee so returns will not be sent. If you do not have an account number with the BOE or if you have any questions regarding the fee or exemptions, please call the BOE at (916) 322-9669 or write to the BOE at the following address: State Board of Equalization Fuel Industry Section, MIC:30 P.O. Box 942879 Sacramento, CA 94279-0030 |
| 422-1 | Petroleum UST Financial Responsibility Code = self-insured | Y or N | 1 | AN | Method(s) used by owner and/or operator in meeting the Federal and State financial responsibility requirements. USTs owned by any Federal or State agency as well as non-petroleum USTs are exempt from this requirement. |
| 422-2 | Petroleum UST Financial Responsibility Code = guarantee | Y or N | 1 | AN | See description in item 422-1. |
| 422-3 | Petroleum UST Financial Responsibility Code = insurance | Y or N | 1 | AN | See description in item 422-1. |
| 422-4 | Petroleum UST Financial Responsibility Code = surety bond | Y or N | 1 | AN | See description in item 422-1. |
| 422-5 | Petroleum UST Financial Responsibility Code = letter of credit | Y or N | 1 | AN | See description in item 422-1. |
| 422-6 | Petroleum UST Financial Responsibility Code = exemption | Y or N | 1 | AN | See description in item 422-1. |

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|--------|--|--|--------|------|--|
| 422-8 | Petroleum UST Financial Responsibility Code = State Fund and CFO letter | Y or N | 1 | AN | See description in item 422-1. |
| 422-9 | Petroleum UST Financial Responsibility Code = State Fund and CD | Y or N | 1 | AN | See description in item 422-1. |
| 422-10 | Petroleum UST Financial Responsibility Code = local government mechanism | Y or N | 1 | AN | See description in item 422-1. |
| 422-99 | Petroleum UST Financial Responsibility Code = other | Narrative | 30 | AN | See description in item 422-1. |
| 423 | Permit Holder Information | 1 = facility owner 3 = tank owner 4 = tank operator 5 = facility operator | 1 | AN | Party to whom UST permit is to issued and legal notifications and mailings should be sent. |
| 424 | Date Certified (UST Facility) | YYYYMMDD | 8 | D | Date the page was signed. |
| 425 | Applicant Phone (UST Facility) | Area code + 7 digit phone number + extension | 15 | AN | Phone number of applicant (person certifying). |
| 426 | Applicant Name (UST Facility) | | 35 | AN | Name of signatory. The applicant certifies to a belief that all the information submitted is accurate and complete. The applicant may be the Owner/Operator or officially designated representative. |
| 427 | Applicant Title (UST Facility) | | 35 | AN | Title of person signing the page. |
| 428-1 | Tank Operator Name | | 35 | AN | Name of UST operator. |
| 428-2 | Tank Operator Phone | Area code + 7 digit phone number + extension | 15 | AN | Phone number of UST operator, if different from business owner on UPCF Business Owner/Operator Identification page. |
| 428-3 | Tank Operator Mailing Address | Postal standard: 2 lines, 35 characters | 70 | AN | Mailing address of UST operator, if different from business owner. |
| 428-4 | Tank Operator City | Postal standard | 20 | AN | City of UST operator, if different from business owner. |
| 428-5 | Tank Operator State | Valid 2-digit state code | 2 | AN | State of UST operator, if different from business owner. |
| 428-6 | Tank Operator Zip Code | Postal standard | 9 | AN | Zip code of UST operator, if different from business owner. |

B. UST Operating Permit Application_Tank Information

| ID | ELEMENT | EDIT CRITERIA / CODES | LENGTH | TYPE | INFORMATION DESCRIPTION |
|-------|------------------------------------|--|--------|------|---|
| 1 | Facility ID Number | 2 AN county- 3 AN jurisdiction 6 AN facility number. | 11 | AN | Number to allow cross linking of data. County and jurisdiction number from tax code list. This number is assigned by the CUPA. This is the unique number which identifies the facility. |
| 3 | Business Name | Postal standard: 2 lines, 35 characters | 70 | AN | Full legal name of business. |
| 103 | Business Site Address | Postal standard: 2 lines, 35 characters | 70 | AN | Street address where facility is located. No post office box numbers are allowed. This information must provide a means to geographically locate the facility. |
| 104 | City (Business) | Postal standard | 20 | AN | City or unincorporated area in which business site is located. |
| 430 | Type of Action (UST Tank) | 1 = new permit 3 = renewal permit 5 = change of information 6 = temporary UST closure 7 = UST permanent closure on site 8 = UST removal | 1 | AN | Reason page is being submitted. |
| 430-a | Date UST Permanently Closed | YYYYMMDD | 8 | D | Date the UST was permanently closed. |
| 430-b | Date Existing UST Discovered | YYYYMMDD | 8 | D | Date the existing UST was discovered. |
| 432 | Tank ID # | | 6 | AN | This is a unique tank number used by the owner and Local Agency to identify the tank. The Local Agency will assign the Tank ID# as the permanent State tank identification number. |
| 433 | Tank Manufacturer | | 30 | AN | Name of company that manufactured tank. |
| 434 | Tank Configuration | 1= A stand-alone tank 2= One in a compartmented unit. | 1 | AN | Indicates if the tank is a stand-alone tank or is part pf a compartmented unit. Each compartment is considered a separate tank and requires the completion of separate tank forms. |
| 435 | Date UST System Installed | YYYYMM | 6 | D | Year and month the tank installation was completed. |
| 436 | Tank Capacity In Gallons | | 7 | N | The number of gallons the tank will hold. |
| 437 | Number of Compartments in the Unit | | 2 | AN | Number of compartments within a single secondary containment unit if more than one. |
| 438 | Additional Description | Narrative | 70 | AN | For local use only. Additional tank or location description/information. |

B. UST Operating Permit Application Tank Information

| ID | ELEMENT | EDIT CRITERIA / CODES | LENGTH | TYPE | INFORMATION DESCRIPTION |
|------|--|--|--------|------|--|
| 439 | Tank Use | 1a = motor vehicle fueling 1b = marina fueling 1c = aviation fueling 03 = chemical product storage 04 = hazardous waste (includes used oil) 05 = emergency generator fuel 06 = other generator fuel 95 = unknown 99 = other | 2 | AN | Activity that the tank use supports. |
| 439a | Specify Other | Narrative | 15 | AN | Specify other tank use. |
| 440 | Tank Contents | 1a = regular unleaded 1b = premium unleaded 1c = midgrade unleaded 03 = diesel 05 = jet fuel 06 = aviation gas 07 = used oil 08 = petroleum blend fuel 09 = other petroleum 10 = ethanol 11 = other non- petroleum | 2 | AN | Substance stored in UST. |
| 440a | Specify Other Petroleum | Narrative | 15 | AN | Specify other petroleum contents. |
| 440b | Specify Other Non- Petroleum | Narrative | 15 | AN | Specify other non-petroleum contents. |
| 443 | Type of Tank | 01 = single wall 02 = double wall 95 = unknown | 2 | AN | Type of tank construction. |
| 444 | Tank Primary Containment Construction | 01 = steel 03 = fiberglass 06 = internal bladder 07 = steel + internal lining 95 = unknown 99 = other | 2 | AN | Construction material of the primary tank. |
| 444a | Specify Other | Narrative | 15 | AN | Specify other construction of the primary containment. |
| 445 | Tank Secondary Containment Construction | 01 = steel 03 = fiberglass 06 = exterior membrane liner 07 = jacketed 90 = none 95 = unknown 99 = other | 2 | AN | Construction material of the secondary tank. |
| 445a | Specify Other | Narrative | 15 | AN | Specify other construction of the primary containment. |

B. UST Operating Permit Application_Tank Information

| ID | ELEMENT | EDIT CRITERIA / CODES | LENGTH | TYPE | INFORMATION DESCRIPTION |
|-------|---|---|--------|------|--|
| 448 | Steel Component Protection | 02 = sacrificial anode(s) 04 = impressed current 06 = isolation 90 = none | 2 | AN | Other tank corrosion protection methods, if applicable. |
| 451-a | 1. spill bucket installed | Y or N | 1 | AN | Indicates that spill buckets are installed. |
| 451-b | 3. striker plate / bottom protector installed | Y or N | 1 | AN | Indicates that a striker plate or bottom protector has been installed. |
| 451-c | 4 containment sump | Y or N | 1 | AN | Indicates that the fill has a containment sump |
| 452 | Overfill Prevention | 01 = audible & visual alarms 02 = Ball float 03 = fill tube shut-off valve 04 = exempt | 2 | AN | Overfill prevention hardware installed in UST system. |
| 458 | Piping System Type | 01 = pressure 02 = gravity 03 = conventional suction 04 = 23 CCR §2636(a)(3) suction | 2 | AN | Type of underground piping system. |
| 460 | Piping Construction | 1 = Single-walled 2 = Double-walled 99 = Other | 2 | AN | Type of underground piping construction. |
| 464 | Product/Waste Piping Primary Containment Construction | 01 = steel 04 = fiberglass 08 = flexible 10 = rigid plastic 90 = none 95 = unknown 99 = other | 2 | AN | Construction material of the primary product/waste piping. |
| 464a | Specify Other | Narrative | 15 | AN | Describe other construction material for the primary containment. |
| 464b | Product/Waste Piping Secondary Containment Construction | 01 = steel 04 = fiberglass 08 = flexible 10 = rigid plastic 90 = none 95 = unknown 99 = other | 2 | AN | Construction material of the secondary product/waste piping. |
| 464c | Specify Other | Narrative | 15 | AN | Describe other construction. |
| 464d | Piping/Turbine Containment Sump | 01 = Single-walled 02 = Double-walled 03 = None | 2 | AN | Designates type of Turbine Containment Sump |
| 464e | Vent Piping Primary Containment Construction | 01 = steel 04 = fiberglass 10 = rigid plastic 90 = none 99 = other | 2 | AN | Construction material of the primary vent piping. |

B. UST Operating Permit Application_Tank Information

| ID | ELEMENT | EDIT CRITERIA / CODES | LENGTH | TYPE | INFORMATION DESCRIPTION |
|-------|---|---|--------|------|--|
| 464e1 | Specify other vent primary containment construction | Narrative | 15 | AN | Describe other vent primary containment construction material. |
| 464f | Vent Piping Secondary Containment Construction | 01 = steel 04 = fiberglass 10 = rigid plastic 90 = none 99 = other | 2 | AN | Construction material of the secondary vent piping. |
| 464f1 | Specify other vent secondary containment construction | Narrative | 15 | AN | Describe other vent secondary containment construction material. |
| 464g | Vapor Recovery Piping Primary Containment Construction | 01 = steel 04 = fiberglass 10 = rigid plastic 90 = none 99 = other | 2 | AN | Construction material of the primary vapor recovery piping. |
| 464g1 | Specify other vapor recovery primary containment construction | Narrative | 15 | AN | Describe other vapor recovery primary containment construction material. |
| 464h | Vapor Recovery Piping Secondary Containment Construction | 01 = steel 04 = fiberglass 10 = rigid plastic 90 = none 99 = other | 2 | AN | Construction material of the secondary vapor recovery piping. |
| 464h1 | Specify other vapor recovery secondary containment construction | Narrative | 15 | AN | Describe other vapor recovery secondary containment construction material. |
| 464i | Vent Piping Transition Sumps | 01 = Single-walled 02 = Double-walled 03 = None | 2 | AN | Type of Vent piping transition sumps. |
| 464j | Riser Pipe Primary Containment Construction | 01 = steel 04 = fiberglass 10 = rigid plastic 90 = none 99 = other | 2 | AN | Construction material of the primary riser piping. |
| 464j1 | Specify other riser pipe primary containment construction | Narrative | 15 | AN | Describe other riser pipe primary containment construction material. |
| 464k | Riser Pipe Secondary Containment Construction | 01 = steel 04 = fiberglass 10 = rigid plastic 90 = none 99 = other | 2 | AN | Construction material of the riser pipe secondary containment. |
| 464k1 | Specify other riser pipe secondary containment construction | Narrative | 15 | AN | Describe other riser pipe secondary containment construction material. |
| 469a | Under Dispenser Containment Construction Type | 01 = Single-walled 02 = Double-walled 03 = No Dispensers | 2 | AN | Type of Construction of the under dispenser containment sump(s) / pan(s). |
| 469b | Under Dispenser Containment (UDC) Construction Material | 01 = steel 04 = fiberglass 10 = rigid plastic 15 = concrete 90 = none 99 = other | 2 | AN | Construction material of the under dispenser containment sump(s) / pan(s). |
| 469c | Specify Other | Narrative | 15 | AN | Specify other UDC construction material. |

B. UST Operating Permit Application_Tank Information

| ID | ELEMENT | EDIT CRITERIA / CODES | LENGTH | TYPE | INFORMATION DESCRIPTION |
|-----|-----------------|--------------------------|--------|------|---|
| 470 | Date Certified | YYYYMMDD | 8 | D | Date the document was signed. |
| 471 | Applicant Name | | 35 | AN | Name of signatory. The applicant certifies to a belief that all the information submitted is accurate and complete. |
| 472 | Applicant Title | | 35 | AN | Title of person signing the page. |

C. UST Certification of Installation / Modification

| ID | ELEMENT | EDIT CRITERIA / CODES | LENGTH | TYPE | INFORMATION DESCRIPTION |
|------|---|---|--------|------|--|
| 1 | Facility ID Number | 2 AN county 3 AN jurisdiction 6 AN facility number | 11 | AN | Number to permit cross linking of data. County and jurisdiction number from tax code list. This number is assigned by the CUPA. This is the unique number which identifies the facility. |
| 3 | Business Name | Postal standard: 2 lines, 35 characters | 70 | AN | Full legal name of business. |
| 103 | Business Site Address | Postal standard: 2 lines, 35 characters | 70 | AN | Street address where facility is located. No post office box numbers are allowed. This information must provide a means to geographically locate the facility. |
| 104 | City (Business) | Postal standard | 20 | AN | City or unincorporated area in which business site is located. |
| 482a | Name of Contractor Who Performed Installation/ Modification | | 20 | AN | Name of contractor. |
| 482b | Contractors License Number | | 20 | AN | Contractors License Number who performed the work. |
| 482c | ICC Cert. # | | 10 | AN | Contractors ICC Certification Number. |
| 483a | Type of Project | 01 = Tank Installation or Replacement 02 = Piping Installation or Replacement 03 = Sump Installation or Replacement 04 = Under Dispenser containment Installation or Replacement 05 = Other | 2 | AN | Description of type of installation. |
| 483b | Work Authorized under Permit (Number or Date) | | 10 | AN | Indicates permit number or date of permit authorizing the work being certified. |
| 483c | Description of work being certified. | Narrative | 300 | AN | Description of installation or modification. |
| 484 | Date Certified | YYYYMMDD | 8 | D | Date tank installation certification was signed. |
| 485 | Certifier's Name | | 35 | AN | Name of tank owner or officially designated representative of the owner. The signer certifies to a belief that all the information submitted is accurate and complete. |
| 486 | Certifier's Title | | 35 | AN | Title of person signing the page. |
| 487 | Phone number | Area code + 7 digit phone number + extension | 15 | AN | Phone number of applicant (person certifying). |
| 488 | Name of Certifier's Employer | | 35 | AN | Name of employer of person signing the page. |
| 489 | Certifier's Relationship to Tank Owner | 01 = tank owner 02 = tank operator 03 = contractor 04 = property owner 05 = other authorized agent of tank owner. | 2 | AN | Relationship of person signing the page to the UST owner. |

D. UST Monitoring Plan

| ID | ELEMENT | EDIT CRITERIA/CODES | LENGTH | TYPE | INFORMATION DESCRIPTION |
|--------|---|--|--------|------|--|
| 1 | Facility ID Number | 2 AN county 3 AN jurisdiction 6 AN facility number | 11 | AN | Number to permit cross linking of data. County and jurisdiction number from tax code list. This number is assigned by the CUPA. This is the unique number which identifies the facility. |
| 3 | Business Name | Postal standard: 2 lines, 35 characters | 70 | AN | Full legal name of business. |
| 103 | Business Site Address | Postal standard: 2 lines, 35 characters | 70 | AN | Street address where facility is located. No post office box numbers are allowed. This information must provide a means to geographically locate the facility. |
| 104 | City (Business) | Postal standard | 20 | AN | City or unincorporated area in which business site is located. |
| 490-1 | Type of Action | 01 = New plan 02 = Change of Information | 2 | AN | Reason page is being submitted. |
| 490-2 | Plan Type | | 25 | AN | Describes the tanks the plan is for. |
| 490-3a | Monitoring Equipment is serviced. | 01 = Annually 99 = Other | 2 | AN | Describes frequency of service performed on monitoring equipment. |
| 490-3b | Specify other frequency for monitoring equipment service. | Narrative | 15 | AN | Describes other frequency of service performed on monitoring equipment. |
| 490-4 | Site Plot Plan Submitted | 1=New Plan Submitted 2=Site Plan Previously Submitted | 1 | | Indicates if a site plan is submitted with this plan or a previously submitted site plan is current for the facility. |
| 490-5 | Continuous Electronic Tank Monitoring: | Y or N | 1 | | Indicates if continuous tank monitoring is used at the site. |
| 490-6 | Tank Secondary Containment System | 01 = Dry 02 = Liquid Filled 03 = Pressurized 04 = Under Vacuum | 2 | AN | Description of Tank secondary containment system. |
| 490-7 | Electronic Monitor Panel Manufacturer | | 25 | AN | Name of electronic monitor panel manufacturer. |
| 490-8 | Electronic Monitor Panel Model # | | 10 | AN | Model number of electronic monitor panel. |
| 490-9 | Leak Sensor Manufacturer | | 20 | AN | Name of Leak Sensor Manufacturer. |
| 490-10 | Leak Sensor Model # | | 10 | AN | Model Number of Leak Sensor. |
| 490-11 | Automatic Tank Gauging | Y or N | 1 | AN | Indicates if this type of monitoring is being performed at the site. |
| 490-12 | ATG Panel Manufacturer | | 25 | AN | Name of ATG Panel Manufacturer |
| 490-13 | ATG Model # | | 25 | AN | Model of ATG Panel. |
| 490-14 | In-Tank Probe Manufacturer | | 25 | AN | Name of ATG Probe manufacturer. |
| 490-15 | In-tank Probe Model # | | 25 | AN | Model of ATG Probe. |
| 490-16 | Tank Leak Test Frequency | 01 = Continuous 02 = Daily/Nightly 03 = Weekly 04 = Monthly 99 = Other | 2 | AN | Frequency of Tank Leak Test. |
| 490-17 | Specify Other Leak Test Frequency | Narrative | 10 | AN | Other Frequency of Tank Leak Test. |

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| ID | ELEMENT | EDIT CRITERIA/CODES | LENGTH | TYPE | INFORMATION DESCRIPTION |
|--------|---|---|--------|------|--|
| 490-18 | Programmed Tank Tests | 01 = .01 gph 02 = .2 gph 99 = Other | 2 | AN | Sensitivity of the programmed leak tests. |
| 490-19 | Other Programmed Tests. | Narrative | 15 | AN | Other designated sensitivity of programmed leak test. |
| 490-20 | Monthly Statistical Inventory Reconciliation | Y or N | 1 | | Indicates if inventory reconciliation is being performed at the site. |
| 490-21 | Weekly Manual Tank Gauge | Y or N | 1 | | Indicates if Weekly Manual Tank Gauging if being performed at this site. |
| 490-22 | Tank gauging Test Period | 01 = 36 hours 02 = 60 hours | 1 | | Length of time for Manual Tank Gauging period. |
| 490-23 | Tank Integrity testing | Y or N | 1 | | Indicates if Tank Integrity testing is performed at the site. |
| 490-24 | Tank integrity Testing Frequency | 01 = Annually 02 = Biennially 99 = Other | 1 | | Frequency of Tank Integrity Testing |
| 490-25 | Specify Other Tank Integrity Testing Frequency | Narrative | 15 | AN | Frequency of "Other" Tank Integrity Testing. |
| 490-26 | Other Monitoring | Y or N | 1 | | Indicates if another type of monitoring is used at the site, not already indicated. |
| 490-27 | Specify other Monitoring. | Narrative | 25 | AN | Specifies the "other" type of monitoring. |
| 490-28 | Continuous monitoring of piping secondary containment | Y or N | 1 | AN | Indicates if continuous monitoring of the piping secondary containment occurs at the site. |
| 490-29 | Piping Secondary Containment | 01 = Dry 02 = Liquid-filled 03 = Pressurized 04 = Under Vacuum | 1 | AN | Type of piping secondary containment |
| 490-30 | Panel Manufacturer | Narrative | 25 | AN | Name of panel manufacturer. |
| 490-31 | Panel Model # | | 15 | AN | Model number of panel |
| 490-32 | Leak Sensor Manufacturer | Narrative | 25 | AN | Name of Leak Sensor manufacturer. |
| 490-33 | Leak Sensor Model | | 15 | AN | Model of Leak Sensor |
| 490-34 | Leak Alarm Triggers Automatic Pump Shutdown | Y or N | 1 | AN | Indicates pump shutdown when a leak alarm occurs. |
| 490-35 | Failure/Disconnect Triggers Pump Shutdown | Y or N | 1 | AN | Indicates pump shutdown when failure or disconnect occurs. |
| 490-36 | Mechanical Line Leak Detector Performs 3 gph leak test. | Y or N | 1 | AN | Indicates that a 3gph line mechanical line leak detector is used at the site. |
| 490-37 | MLLD Manufacturer | Narrative | 25 | AN | Name of leak detector manufacturer. |
| 490-38 | MLLD Model | | 15 | AN | Model of leak detector. |
| 490-39 | Electronic Line Leak Detector performs 3 gph Leak Test | Y or N | 1 | AN | Indicates that an electronic line leak detector (ELLD) is used at the site. |
| 490-40 | ELLD Manufacturer | Narrative | 25 | AN | Manufacturer of ELLD |
| 490-41 | ELLD Model | | 15 | AN | Model of ELLD. |

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| ID | ELEMENT | EDIT CRITERIA/CODES | LENGTH | TYPE | INFORMATION DESCRIPTION |
|---------|--|---|--------|------|--|
| 490-42 | ELLD Programmed in-line testing | 01 = .2 gph 02 = .1 gph | 1 | AN | Type of ELLD Test performed. |
| 490-43 | ELLD Triggers Automatic Pump Shutdown | Y or N | 1 | AN | Indicates if ELLD triggers automatic pump shutdown. |
| 490-44 | ELLD Failure/Disconnect triggers Automatic Shutdown. | Y or N | 1 | AN | Indicates if ELLD triggers auto-shutdown for failure or disconnection. |
| 490-45 | Pipeline Integrity Testing | Y or N | 1 | AN | Indicates if pipeline integrity testing occurs at the site. |
| 490-46 | Pipeline Integrity Testing Frequency | 01 = Annually 02 = Every 3 Years 03 = Other | 2 | AN | Frequency of pipeline integrity testing. |
| 490-47 | Specify Other Integrity Testing Frequency | | 10 | AN | Other frequency of pipeline integrity testing. |
| 490-48 | Visual Pipeline Monitoring | Y or N | 1 | AN | Indicates if visual pipeline monitoring occurs at the site. |
| 490-49 | Visual Pipeline Monitoring Frequency | 01 = Daily 02 = Weekly 03 = Minimum Monthly | 2 | AN | Frequency of visual pipeline monitoring. |
| 490-50 | Suction Piping Meets Exemption Criteria | Y or N | 1 | AN | Indicates if suction piping that meets the criteria is the method to monitor the pipeline. |
| 490-51 | No Regulated Piping Per Health and Safety Code, Division 20, Chapter 6.7 Is Connected To The Tank System | Y or N | 1 | AN | Indicates that any piping connected to the tank system is not regulated under the UST law, or there is no piping connected to the tank system. |
| 490-52 | Other Pipeline Monitoring | Y or N | 1 | AN | Indicates if other pipeline monitoring option used at site. |
| 490-53 | Specify Other Monitoring | Narrative | 25 | AN | Identifies other monitoring option. |
| 490-54a | UDC Monitoring | 1 = Continuous 2 = Float and Chain Assembly 3 = Electronic Stand-alone 4 = No Dispensers 99 = Other | 2 | AN | Indicates type of UDC monitoring. |
| 490-54b | Specify Other UDC Monitoring | Narrative | 15 | AN | Indicates type of other UDC monitoring. |
| 490-55 | Panel Manufacturer | Narrative | 15 | AN | Manufacturer of Panel. |
| 490-56 | Model # of Panel | | 15 | AN | Model # of Panel. |
| 490-57 | Leak Sensor Manufacturer | Narrative | 15 | AN | Manufacturer of Leak Sensor. |
| 490-58 | Model of Leak Sensor | | 15 | AN | Model # of Leak Sensor |
| 490-59 | Detection of a leak into the UDC triggers audible and visual alarms | Y or N | 1 | AN | Indicates if alarms are triggered when a leak is detected in the UDC. |
| 490-60 | UDC leak alarm triggers automatic pump shutdown. | Y or N | 1 | AN | Indicates if leak alarm causes automatic pump shutdown. |

D. UST Monitoring Plan

| ID | ELEMENT | EDIT CRITERIA/CODES | LENGTH | TYPE | INFORMATION DESCRIPTION |
|---------|--|---|--------|------|--|
| 490-61 | Failure/Disconnection of UDC monitoring system triggers automatic pump shutdown | Y or N | 1 | AN | Indicates if failure or disconnection of the monitoring system causes pump shutdown. |
| 490-62 | UDC Monitoring stops the flow of product at the dispenser. | Y or N | 1 | AN | Indicates if the UDC monitor stops the flow of product at the dispenser. |
| 490-63 | UDC Construction | 1 = Single-walled 2 = Double-walled | 1 | AN | Indicates the type of UDC construction. |
| 490-64a | UDC Secondary Containment Monitoring | 01 = Liquid 02 = Pressure 03 = Vacuum | 1 | AN | Type of UDC Secondary Containment Monitoring. |
| 490-64b | A Leak Within the Secondary Containment of the UDC causes audible and visual alarms. | Y or N | 1 | AN | Indicates that a leak in the UDC secondary containment causes audible and visual alarms. |
| 490-65 | ELD Testing | Y or N | 1 | AN | Indicates if tanks are ELD tested on a periodic basis. |
| 490-66 | Secondary Containment Testing | Y or N | 1 | AN | Indicates if secondary containment testing is conducted every 36 months. |
| 490-67 | Spill bucket testing | Y or N | 1 | AN | Indicates if spill bucket testing is conducted annually. |
| 490-68a | Alarm Logs | Y or N | 1 | AN | Indicates that Alarm log records are kept for the facility. |
| 490-68b | Visual Inspection Records | Y or N | 1 | AN | Indicates that Visual Inspection Records are kept for the facility. |
| 490-68c | Tank Integrity Testing Results | Y or N | 1 | AN | Indicates that Tank Integrity Testing Results are kept for the facility. |
| 490-68d | SIR testing results | Y or N | 1 | AN | Indicates that SIR testing results and supporting documentation records are kept for the facility. |
| 490-68e | Tank Gauging results | Y or N | 1 | AN | Indicates that Tank Gauging results and supporting documentation records are kept for the facility. |
| 490-68f | ATG Testing Results | Y or N | 1 | AN | Indicates that ATG Testing Results and supporting documentation records are kept for the facility. |
| 490-68g | Corrosion Protection Logs | Y or N | 1 | AN | Indicates that Corrosion Protection Logs are kept for the facility. |
| 490-68h | Equipment maintenance and calibration records | Y or N | 1 | AN | Indicates that Equipment maintenance and calibration records are kept for the facility. |
| 490-69a | Personnel with UST monitoring responsibilities are familiar with training documents | Y or N | 1 | AN | Indicates that personnel within the facility are familiar with the indicated documents. |
| 490-69b | UST monitoring plan | Y or N | 1 | AN | Indicates that facility personnel are familiar with the UST monitoring plan for the facility. |
| 490-69c | Operating manuals | Y or N | 1 | AN | Indicates that facility personnel are familiar with the UST operating manuals for the facility. |
| 490-69d | CA UST Regulations | Y or N | 1 | AN | Indicates that facility personnel are familiar with the CA UST Regulations. |
| 490-69e | CA UST Law | Y or N | 1 | AN | Indicates that facility personnel are familiar with the CA UST Law. |
| 490-69f | SWRCB Handbook for Tank Owners-Manual and SIR | Y or N | 1 | AN | Indicates that facility personnel are familiar with the SWRCB Handbook for Tank Owners-Manual and SIR. |

D. UST Monitoring Plan

| ID | ELEMENT | EDIT CRITERIA/CODES | LENGTH | TYPE | INFORMATION DESCRIPTION |
|---------|---|---|--------|------|--|
| 490-69g | SWRCB Publication: Understanding Automatic Tank Gauging Systems | Y or N | 1 | AN | Indicates that facility personnel are familiar with the SWRCB Publication: Understanding Automatic Tank Gauging Systems. |
| 490-69h | Other | Y or N | 1 | AN | Indicates that other training documents are used. |
| 490-69i | Specify Other | Narrative | 30 | AN | Other Training documents are listed. |
| 490-70 | Designated Operator Training | Y or N | 1 | AN | Indicates that the facility has a designated operator and that training will provided. |
| 490-71 | Comments and Additional Information | Narrative | 150 | AN | Additional information to support the application for an operating permit. |
| 490-72 | Name of first person having responsibility | | 25 | AN | Name of first person having responsibility for monitoring. |
| 490-73 | Title of first person having responsibility | | 25 | AN | Title of first person having responsibility for monitoring. |
| 490-74 | Name of second person having responsibility | | 25 | | Name of second person having responsibility for monitoring. |
| 490-75 | Title of second person having responsibility | | 25 | AN | Title of second person having responsibility for monitoring. |
| 490-76 | Signature Representation | 01 = Tank Owner/Operator 02 = Facility Owner/Operator 03 = Authorized Representative of Owner | 2 | AN | Indicates who signed the monitoring plan. |
| 490-77 | Date | YYYYMMDD | 8 | AN | Date Monitoring Plan is certified. |
| 490-78 | Applicant Name | | 25 | AN | Name of Applicant signing monitoring plan. |
| 490-79 | Applicant Title | | 25 | AN | Title of Applicant signing monitoring plan. |